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CLAIMS

1. Electrohydraulic pressing device (1) suitable for one-handed operation, having a working head (30),
5 an electric motor (4), a pump (20), a hydraulic tank (33) and a gear mechanism (19) between the electric motor (4) and the pump (20), a gripping region (5) being provided around which a hand can be placed and with which an actuating switch (39) is associated, characterized in that the gripping region (5) is formed around the electric motor (4)
10 and the actuating switch (39) is disposed on the working-head side of the electric motor (4).
- 15 2. Pressing device according to the features of the precharacterizing clause of Claim 1, characterized in that the gripping region (5) is formed at the center of gravity of the device (1) and the actuating switch (39) and an emergency switch (34) are formed lying oppositely on the device (1),
20 appropriately for placement of an index finger/thumb.
- 25 3. Pressing device according to one or more of the preceding claims or in particular according thereto, characterized in that the actuating switch (39) is disposed away from an end face of the electric motor (4) by the width of one to four fingers.
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- 35 4. Pressing device according to one or more of the preceding claims or in particular according thereto, characterized in that a one-sided widening (42) of the device (1) is formed at the end opposite from the working head (30).
5. Pressing device according to one or more of the preceding claims or in particular according

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thereto, characterized in that the widening (42) is partly formed by a storage battery (6).

6. Pressing device according to one or more of the preceding claims or in particular according thereto, characterized in that the widening (42) is formed such that it projects to the side on which the actuating switch (39) is formed.
- 10 7. Pressing device according to one or more of the preceding claims or in particular according thereto, characterized in that the center axis (y) of the electric motor (4) is in line with the axis (z) of a pump plunger (21).
- 15 8. Pressing device according to one or more of the preceding claims or in particular according thereto, characterized in that a bypass valve (31) is disposed alongside the pump plunger (21).
- 20 9. Pressing device according to one or more of the preceding claims or in particular according thereto, characterized in that a hydraulic tank (33) is disposed around the pump plunger (21) and/or the bypass valve (31).
- 25 10. Pressing device according to one or more of the preceding claims or in particular according thereto, characterized in that the storage battery (6) can be inserted in the axial direction of the electric motor (4).
- 30 11. Pressing device according to one or more of the preceding claims or in particular according thereto, characterized in that a central axis (w) of the working-head receptacle is aligned in line with a center axis (y) of the electric motor (4).
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12. Electrohydraulic pressing device (1) having a working head (30), an electric motor (4), a pump (20), a hydraulic tank (33) and a gear mechanism (19) between the electric motor (4) and the pump (20), a gripping region (5) being provided around which a hand can be placed and with which an actuating switch (39) is associated, and having a working piston (16) for the actuation of a pressing tool (2), characterized in that, when the device 5 is actuated, the working piston (16) can be made to move in first instance into a holding position and then can be made to move into the pressing position.
- 10 13. Pressing device according to Claim 12 or in particular according thereto, characterized in that the moving into the pressing position can be triggered by renewed actuation of the actuating switch (39).
- 20 14. Pressing device according to one or more of Claims 12 and 13 or in particular according thereto, characterized in that the working piston (16) is of a divided form and in that, after moving up against a workpiece, in first instance the portions (50, 25 51) of the working piston (16) are moved against one another.
- 30 15. Pressing device according to one or more of Claims 12 to 14 or in particular according thereto, characterized in that the portions (50, 51) of the working piston (16) are biased by a spring (52) into a position in which they are moved apart from one another.
- 35 16. Pressing device according to one or more of Claims 12 to 15 or in particular according thereto, characterized in that the portions (50, 51) of the

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working piston (16) engage telescopically in one another.

17. Method for operating an electrohydraulic pressing device (1) having a working head (30), an electric motor (4), a pump (20), a hydraulic tank (33) and a gear mechanism (19) between the electric motor (4) and the pump (20), a gripping region (5) being provided around which a hand can be placed and with which an actuating switch (39) is associated, and having a working piston (16) for the actuation of a pressing tool (2), characterized in that the working piston (16) is made to move in first instance into a holding position and is held there before being made to move into the pressing position, in which holding position the force acting on the workpiece is substantially less than the maximum pressing force.
18. Method according to Claim 17 or in particular according thereto, characterized in that the moving into the pressing position is triggered by renewed actuation of the actuating switch (39).
19. Method according to either or both of Claims 17 and 18 or in particular according thereto, characterized in that the pressing process is manually interrupted after the holding position is reached.
20. Method according to one or more of Claims 17 to 19 or in particular according thereto, characterized in that the manual interruption is carried out by actuation of the actuating switch (39).
21. Method according to one or more of Claims 17 to 20 or in particular according thereto, characterized in that an electronically controlled interruption

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of the pressing process takes place after the holding position is reached.

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